

<p align="center"><b>Notice of Allowability</b></p>	<b>Application No.</b> 09/736,782	<b>Applicant(s)</b> JOHNSON ET AL.	
	<b>Examiner</b> Harish T. Dass	<b>Art Unit</b> 3628	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment of Sep 07, 2005.
2. ☒ The allowed claim(s) is/are 1-27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
  1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.


**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)</li> <li>2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)</li> <li>3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br/>Paper No./Mail Date _____</li> <li>4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br/>of Biological Material</li> </ol> | <ol style="list-style-type: none"> <li>5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)</li> <li>6. <input type="checkbox"/> Interview Summary (PTO-413),<br/>Paper No./Mail Date _____</li> <li>7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment</li> <li>8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</li> <li>9. <input type="checkbox"/> Other _____</li> </ol> |
|--|---|

  
**HYUNG SOUH**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 3600**

***DETAILED ACTION***

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Daniel Fitzgerald on 7/13/2006.

The application has been amended as follows:

Claim 1, line 17 "the" after "selecting" has been changed to – a --.

Claim 19 - line 16 "the" after "select" has been changed to – a --.

***Allowable Subject Matter***

2. The following is an examiner's statement of reasons for allowance:

Prior art taken alone or in combination failed to teach or suggest the limitations of:

Valuing each asset in the portfolio individually by segmenting the portfolio of assets into three valuation portions and by:

(a) underwriting each asset included within a first portion of the asset portfolio based on a first valuation methodology from the plurality of valuation methodologies,

Art Unit: 3693

(b) grouping and underwriting a sample of assets included within a second portion of the asset portfolio based on the first valuation methodology,

(c) using the computer to statistically infer a value for each asset included within a third portion of the asset portfolio based on the first valuation methodology, and

(d) repeating steps (a)-(c) for each valuation methodology included within the plurality of valuation methodologies;

selecting the valuation methodology that produces a value for each of the assets included within the portfolio having a corresponding confidence level greater than a confidence level for any of the other valuation methodologies used for valuing the corresponding asset, wherein the confidence level represents a probability that the value assigned to the asset is accurate *as recited in independent claims 1, 10 and 19.*

US 6,691,094 (Herschkorn, Lee) discloses a loan trading system and corresponding method and, more particularly, to a loan trading system carried out over the Internet to match buyers and sellers of loans via the matching of bids and offers or through the conducting of auctions. There may be more than one type or tranche of term loan under the same facility. These term loans are typically differentiated by the maturity date of the tranche. Herschkorn does not disclose any of the steps *as recited in independent claims 1, 10 and 19.*

Art Unit: 3693

WO 97/39415 (ENG et al.) discloses a transaction network for a synthetic currency, which is created by pooling and dividing into shares a portfolio of highly liquid assets and frequent evaluation and disbursements of dividends on those assets so as to hold the value of the synthetic currency share at unity with the underlying currency. The system permits users to buy and sell mutual fund shares, or notes from a pool of such shares. ENG et al. does not disclose any of the steps *as recited in independent claims 1, 10 and 19.*

NPL- Dissertation article (Chopra) discloses a theoretical model and "A theory of price changes and trading volume", and analyzes the behavior of key variables of interest. Chopra does not disclose any of the steps *as recited in independent claims 1, 10 and 19.*

Each of the prior arts taken alone or in combination failed to teach or suggest the above features *recited in independent claims 1, 10 and 19.*

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Harish T. Dass whose telephone number is 571-272-6793. The examiner can normally be reached on 8:00 AM to 4:50 PM.


Art Unit: 3693

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hyung S. Sough can be reached on 571-272-6799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Harish T Dass  
Examiner  
Art Unit 3628

01/04/06

  
HYUNG SOUGH  
SENIOR PATENT EXAMINER  
TECHNOLOGY CENTER 3600